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TTC PALO ALTO AA alignment.txt

NO. 1073 P. 30

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DIALIGN 2.1

Developed by Burkhard Morgenstern, Said Abdeddai
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ress

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Published research assisted by DIALIGN 2 should
cite:

B. Morgenstern (1999),
"DIALIGN 2: improvement of the segment-to-segm
ent
approach to multiple sequence alignment."
Bioinformatics 15, 203 - 210.

Options:
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- 1) protein sequences aligned
- 2) 5 "*" characters for regions of maximum similarity

Aligned sequences:	length:
=====	=====

1) 855444	501
2) 2	501

Average sequence length: 501.000

Please note that only upper-case letters are considered to
be aligned.

For more information, have a look at the user guide

http://bibiserv.techfak.uni-bielefeld.de/dialign/user_gu

ide2.html

Alignment (DIALIGN format):

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```
855444      1  MAQALPWLLL WMGAGVLP AH GTQHGIRLPL RSGLGGA PL
G LRLPRETDEE
2          1  MAQALPWLLL WMGAGVLP AH GTQHGIRLPL RSGLGGA PL
G LRLPRETDEE
```

```
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
```

```
855444      51  PEEPGRRG SF VEMVDNLRGK SGQGYVEMT VGSP PQTLN
I LVDTGSSNFA
2          51  PEEPGRRG SF VEMVDNLRGK SGQGYVEMT VGSP PQTLN
I LVDTGSSNFA
```

```
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
* *****
```

855444 101
E LGTDLVSIPH
2 101
E LGTDLVSIPH

VGAAPHPFLH RYYQRQLSST YRDLRKGVE PYTQGKWE
VGAAPHPFLH RYYQRQLSST YRDLRKGVV PYTQGKWE

* *****
* *****
* *****
* *****
* *****
* *****

855444 151
P DDSLEPFFDS
2 151
P DDSLEPFFDS

GPNVTVRANI AAITESDKFF INGSNWEGIL GLAYAEIAR
GPNVTVRANI AAITESDKFF INGSNWEGIL GLAYAEIAR

* *****
* *****
* *****
* *****
* *****
* *****

855444 201
I DHSLYTGSLW
2 201
I DHSLYTGSLW

LVKQTHVPNL FSLQLCGAGF PLNQSEVLAS VGGSMIIGG
LVKQTHVPNL FSLQLCGAGF PLNQSEVLAS VGGSMIIGG

* *****
* *****

* *****
* *****
* *****

855444 251 YTPIRREWYY EVIIVRVEIN GQDLKMDCKE YNYDKSIVD
S GTTNLRLPKK
2 251 YTPIRREWYY EVIIVRVEIN GQDLKMDCKE YNYDKSIVD
S GTTNLRLPKK

* *****
* *****
* *****
* *****
* *****

855444 301 VFEEAVKSIK AASSTEKFPD GFWLGEQLVC WQAGTTPWN
I FPVISLYLMG
2 301 VFEEAVKSIK AASSTEKFPD GFWLGEQLVC WQAGTTPWN
I FPVISLYLMG

* *****
* *****
* *****
* *****

855444 351 EVTNQSFRIT ILPOQYLRPV EDVATSQDDC YKFAISQSS
T GTVMGAVIME

* ****

* ****

855444

2

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Alignment (FASTA format):

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>855444

MAQALPWLLLWMGAGVLP AHGTQH GIRLPLRSGLGGAPLGLRLPRETDEE
PEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPQTLNILVDTGSSNFA
VGAAPHFPLHRYYQRLSSTYRDLRKGVYEPYTOGKWEDELGTDLVSI PH
GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDDSLEPFFDS
LVKQTHVPNLFSLQLCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW
YTPIRREWYYEVIIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLR LPKK
VFEEAVKSIKAASSTEKFPDGFWLGEQLVCWQAGTTPWNIFFVISLYLMG
EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME
GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT
DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRCLRQQHDDFADDISLL
K

>2

MAQALPWLLLWMGAGVLP AHGTQH GIRLPLRSGLGGAPLGLRLPRETDEE
PEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPQTLNILVDTGSSNFA
VGAAPHFPLHRYYQRLSSTYRDLRKGVYVPTOGKWEDELGTDLVSI PH
GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDDSLEPFFDS
LVKQTHVPNLFSLQLCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW
YTPIRREWYYEVIIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLR LPKK
VFEEAVKSIKAASSTEKFPDGFWLGEQLVCWQAGTTPWNIFFVISLYLMG
EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME
GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT
DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRCLRQQHDDFADDISLL